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In addition, Dr. Emerson observed that the scum which rises from the juice of this cane, as well as the leaves from the stalks, afford a grateful and nourishing food for many animals.

Dr. R. E. Rogers expressed the opinion that many of the failures in making sugar from the Chinese Cane, have been owing to the canes not having been cut and pressed at the proper stage of development of the saccharine matter, and to a want of skill in the process of evaporation.

The Society then proceeded to ballot for a librarian for the ensuing year, and Mr. J. P. Lesley was elected.

The Standing Committes of the Society for the year 1858, were then appointed as follows:—

Finance; Mr. Fraley, Mr. Justice, Mr. J. F. James.

Publication; Prof. Trego, Dr. Elwyn, Prof. F. Rogers.

Hall; Mr. F. Peale, Prof. Trego, Prof. Coppée.

Library; Rev. Dr. Stevens, Dr Hays, Mr. Ord.

The list of surviving members of the Society was read. The number on the list, January 1, 1858, was 390, of whom are resident in the United States 286, and in foreign countries 104.

The Society then proceeded to the next stated business of the meeting, the balloting for candidates for membership.

All other business having been concluded, the ballot-box was opened by the presiding officer, and the following named gentlemen were declared to be duly elected members of the Society.

Elia Lombardini, Civil Engineer, of Milan.

Major Henry C. Wayne, of the U. S. Army.

Stated Meeting, February 5.

Present, forty-seven members.

Judge Kane, President, in the Chair.

Letters were read:—

From Major Henry C. Wayne, dated Philadelphia, Jan. 25, 1858, acknowledging the receipt of notice of his election as a member of the Society :—

From the Royal Society of London, dated Aug. 6, 1857;—From the Royal Society of Sciences at Stockholm, dated July 10, 1857;—from the Geological Society of London, dated Dec. 3, 1857;—from the Natural History Society of Northumberland, Durham, and Newcastle-upon-Tyne, dated Newcastle, Dec. 21, 1857; and from the Society of Antiquaries of Edinburgh, dated January, 1858, severally returning thanks for copies of the Transactions and Proceedings of this Society:—

From the Imperial Academy of Sciences at Vienna, dated Nov. 27, 1856, and from the Royal Academy of Sciences at Stockholm, dated July 10, 1857, accompanying donations for the library.

The following donations were announced:—

FOR THE LIBRARY.

Transactions of the Royal Society of London, for the year 1856. Vol. 146. Parts 2, 3: with List of Members, Nov. 30, 1856. 4to.—*From the Society.*

Proceedings of the Royal Society of London. Vol. VIII. Nos. 23–26. Nov. 20, 1856—June 15, 1857. London. 8vo.—*From the Society.*

Memoirs of the Royal Astronomical Society. Vol. XXV. Quarto half vol. for 1855–1856.

Monthly Notices of the Royal Astronomical Society. Vol. XVI. Containing abstracts of Papers and reports of Proceedings, from Nov. 1855 to July 1856. London. 8vo.—*From the Society.*

Anniversary Address before the Royal Geographical Society, 25 May, 1857, by Sir R. I. Murchison. London, 1857. 8vo.—*From the Society.*

Quarterly Journal of the Geological Society. Vol. XIII. Parts 2, 3. (Nos. 50, 51.) May, Aug. 1857. London. 8vo.—*From the Society.*

Report of the Twenty-sixth Meeting of the British Association for the Advancement of Science, held at Cheltenham, in August, 1856. London. 8vo.—*From the Association.*

Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1855, under the superintendence of Manuel J. Johnson, M.A. Oxford. 8vo.—*From the Radcliffe Trustees.*

The Chemist. Vol. III. New Series (incomplete). Vol. IV. Nos. 37, 38. London, 1856. 8vo.

Lady Willoughby's Diary. London, 1845. 8vo.—*From Mr. Wm. Sharswood.*

Sitzungsberichte der K. Akademie der Wissenschaften: Math. Nat. Classe, Band XX. 2, 3, Heft. Band XXI. 1, 2, Heft. April–July 1856: Register, Band XI–XX.—Phil. Hist. Classe, Band XX. 2, 3 Heft. Band XXI. 1, 2 Heft. April–July 1856: Register, Band XI–XX. Wien. 8vo.—*From the Imp. Acad. Sciences, Vienna.*

Compte Rendu Annuel, adressé à S. Exc. M. de Brock, Ministre des Finances, par le Directeur de l'Observatoire Physique Central, A. T. Kupffer. Année 1855. St. Petersbourg. 4to.—*From the Administration of Mines of Russia.*

Tageblatt der 32 Versammlung Deutscher Naturforscher und Artzte in Wien, 1856. 4to.—*From the Meeting.*

Flora Batava: aflevering 182. Amsterdam. 4to.—*From the Government of the Netherlands.*

Exposition des Operations faites en Lapponie, pour la determination d'un arc du méridien, en 1801, 2, 3; par MM. Ofverboom, Svanberg, Holmquist et Palander. Stockholm, 1805. 8vo.

Års berättelse om Botaniska Arbeten och Upptäckter under ar 1852, J. M. Wikström: under åren 1853, 1854, N. J. Anderson. 8vo.

Berättelse om framstegen i Insekternas, Myriapodernas och Arachnidernas Naturalhistoria för 1853, 1854, C. H. Boheman. 8vo.

Kongl. Vetenskaps—Akademiens Handlingar för 1854.

Kongliga Svenska Vetenskaps—Akademiens Handlingar. Ny foljd. 1 Bandet, 1 Häftet. 1855. 4to.

Ofversigt af Kongl. Vet. Akad. Förhandlingar, 1856. Årg. XIII. 8vo.

Om förflutna tiders Svenska Ordboks-företag. April 9, 1856. 8vo. —*From the Royal Swedish Academy of Sciences at Stockholm.*

The Medical News and Library. Vol. XVI. No. 182. Feb. 1858. Philadelphia. 8vo.—*From Blanchard & Lea.*

The Astronomical Journal: No. 109. (Vol V. No. 13.) Jan. 20, 1858. Albany. 4to.—*From Dr. B. A. Gould, Jr., Editor.*

Journal of the Franklin Institute. Third Series. Vol. XXXV. No. 1. Jan. 1858. Philadelphia. 8vo.—*From the Institute.*

The American Journal of Science and Art. Vol. XXV. No. 73. Jan. 1858. New Haven. 8vo.—*From Profs. Silliman & Dana, Editors.*

Blunt's American Coast Pilot. Revised January, 1857. 8vo.—*From A. D. Bache, Sup't. U. S. Coast Survey.*

Official Army Register, for 1858. Washington. 8vo.—*From S. Cooper, Adjutant General.*

Proceedings of the First Convention of the Managers and Superintendents of Houses of Refuge and Schools of Reform in the United States, held in New York, May 12, 13, 14, 1857. New York, 8vo.—*From the Managers of the House of Refuge.*

Report of the State Librarian to the Legislature of Pennsylvania, with a Catalogue of Books for the year 1857. Harrisburg. 8vo.—*From the State Librarian.*

Catalogue or Alphabetical Index of the Astor Library. Part 1, Authors and Books, A.-E. (Vol. 1.) F.-L. (Vol. 2.)—*From the Trustees of the Astor Library.*

Dr. Le Conte exhibited specimens of a species of Lycopodium from Honduras, which when dry is contracted in the form of a ball; but when placed in water again expands.

A preamble and resolutions, in relation to the duties and compensation of the Treasurer and Librarian, were offered, and after some amendment, were adopted.

Stated Meeting, February 19.

Present, fifty members.

Prof. Cresson, Vice-President, in the Chair.

Letters were read:—

From the Lyceum of Natural History, dated New York, Feb. 12, 1858, acknowledging the receipt of Nos. 56 and 57 of the Proceedings of this Society:—

From Major J. D. Graham, dated Chicago, Illinois, Jan. 30, 1858, accompanying a donation for the Library:—

From the Publishers of the Journal of Insanity, dated State Asylum, Utica, N. Y. Feb. 3, 1858, with a copy of the Journal and the 13th and 14th Reports of the Managers of the Asylum.

From the Imperial Society of Emulation, dated Abbeville, Jan. 10, 1858, in relation to a copy of their Memoirs.

The following donations were announced:—

FOR THE LIBRARY.

Monthly Notices of the Royal Astronomical Society. Vol. XVIII. No. 2. Dec. 11, 1857. London. 8vo.—*From the Society.*